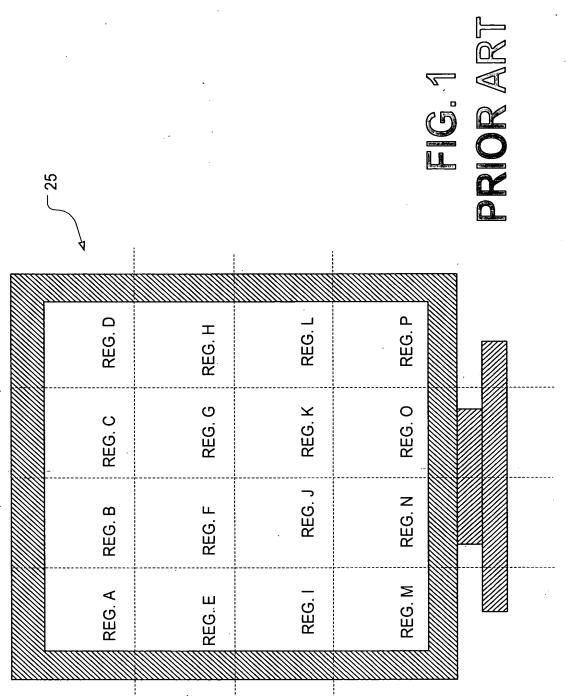
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			•					1									
	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	
	15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255	
	14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254	
	13	29	45	61	11	93	109	125	141	157	173	189	205	221	237	253	
-	14	2β	44	99	76	92	10	124	14	15	172	18	204	22	23	251	-
	11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251	
	10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250	
	6	52	41	57	73	89	105	121	137	153	169	185	201	217	233	249	
-	8	24	40	56	72	88	104	119, 120	136	152	168	187	200	216	232	248	•
	2	23	39	55	71	87	103		135	151	167	183	199	215	231	247	
	9	22	38	54	02	98	102	118	134	150	166	182	198	214	230	246	
	5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245	_
-	4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244	
	က	19	35	51	29	83	66	115	131	147	163	179	195	211	227	243	
	2	18	34	20	99	82	86	114	130	146	162	178	194	210	226	242	
	~	17	33	49	65	8	97	113	129	145	161	177	193	209	225	241	
	SCAN LINE 1	SCAN LINE 2	SCAN LINE 3	SCAN LINE 4	SCAN LINE 5	SCAN LINE 6	SCAN LINE 7	SCAN LINE 8	SCAN LINE 9	SCAN LINE 10	SCAN LINE 11	SCAN LINE 12	SCAN LINE 13	SCAN LINE 14	SCAN LINE 15	SCAN LINE 16	

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ADD.	DATA	ADD.	DATA	_ <u>ADD</u>	_ <u>DATA</u>	ADD.	DATA
20010	PIXEL 1	20120	PIXEL 5	32450	PIXEL 9	40590	PIXEL 13
20011	PIXEL 2	20121	PIXEL 6	32451	PIXEL 10	40591	PIXEL 14
20012	PIXEL 3	20122	PIXEL 7	32452	PIXEL 11	40592	PIXEL 15
20013	PIXEL 4	20123	PIXEL 8	32453	PIXEL 12	40593	PIXEL 16
20014	PIXEL 17	20124	PIXEL 21	32454	PIXEL 25	40294	PIXEL 29
20015	PIXEL 18	20125	PIXEL 22	32455	PIXEL 26	40595	PIXEL 30
20016	PIXEL 19	20126	PIXEL 23	32456	PIXEL 27	40596	PIXEL 31
20017	PIXEL 20	20127	PIXEL 24	32457	PIXEL_28	40597	
20018	PIXEL 33	20128	PIXEL 37	32458	PIXEL 41	40598	PIXEL 45
20019	PIXEL 34	20129	PIXEL 38	32459	PIXEL 42	40599	PIXEL 46
20020	PIXEL 35	20130	PIXEL 39	32460	PIXEL 43	40600	PIXEL 47
20021	PIXEL 36	20131	PIXEL 40	32461	PIXEL 44	40601	PIXEL 48
20022	PIXEL 49	20132	PIXEL 53	32462	PIXEL 57	40602	PIXEL 61
20023	PIXEL 50	20133	PIXEL 54	32463	PIXEL 58	40603	PIXEL 62
20024	PIXEL 51	20134	PIXEL 55	32464	PIXEL 59	40604	PIXEL 63
20025	PIXEL 52	20135	PIXEL 56	32465	PIXEL 60	40605	PIXEL 64
ا اھ	 Region A	. - 	Region B	Regi	Region C	Rec	

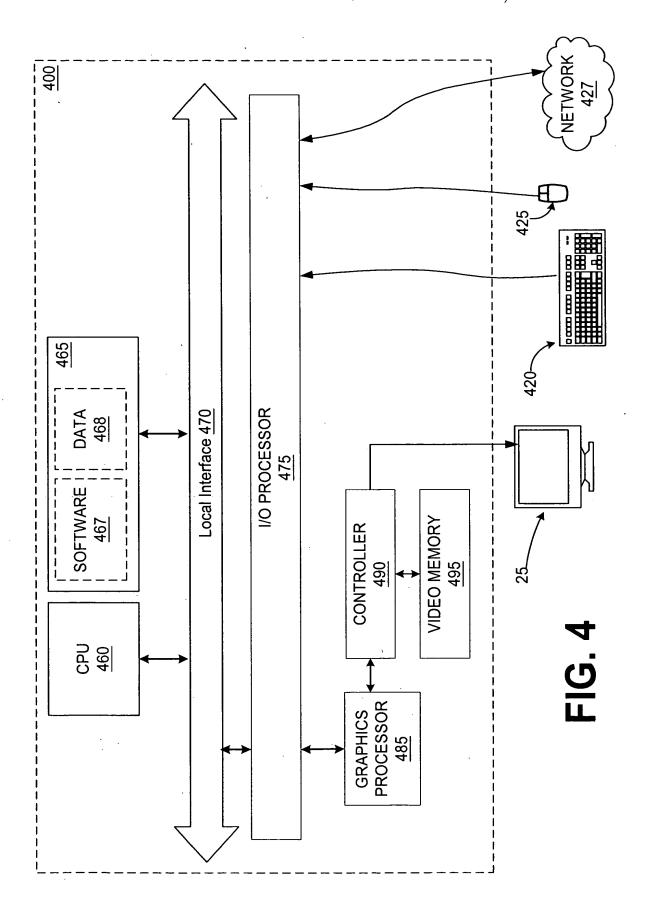
FIG. 3A PRIOR ART

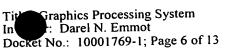
120

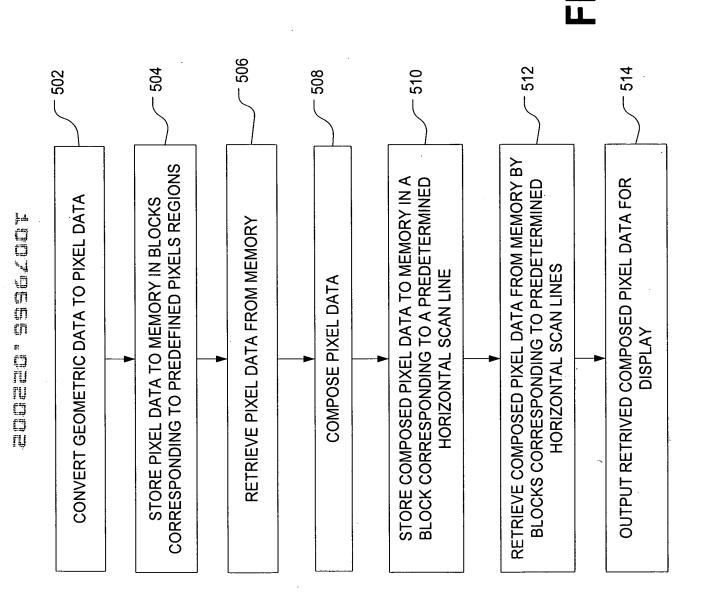
Graphics Processing System tor: Darel N. Emmot et No.: 10001769-1; Page 4 of 13 PIXEL 16 PIXEL 32 PIXEL 48 PIXEL 45 PIXEL 46 PIXEL 13 PIXEL 14 PIXEL 15 PIXEL 29 PIXEL 62 PIXEL 64 PIXEL 30 PIXEL 61 EXT. Region D 40592 40595 40596 40598 40599 40603 40605 40590 40593 40600 40602 40604 40594 40601 40597 ADD. PIXEL 14 PIXEL 25 PIXEL 28 PIXEL 59 PIXEL 12 PIXEL 42 PIXEL 10 PIXEL 26 PIXEL 41 PIXEL 43 PIXEL 58 PIXEL 9 PIXEL 11 PIXEL 27 PIXEL 57 PIXEL 60 DATA Region C 32453 32454 32465 32456 32458 32459 32460 32463 32450 32452 32455 32457 32461 32462 32464 32451 ADD. PIXEL 6 PIXEL 22 PIXEL 40 PIXEL 8 PIXEL 21 PIXEL 24 PIXEL 55 PIXEL 56 PIXEL 38 PIXEL 39 PIXEL 55 PIXEL 54 PIXEL 23 PIXE PIXEL 5 PIXEL 7 DATA Region B 20124 20128 20129 20130 20133 20135 20125 20126 20120 20123 20131 20132 20121 20122 ADD. 20127 PIXEL 36 PIXEL 4 PIXEL 17 PIXEL 18 PIXEL 20 DATA PIXEL 19 PIXEL 33 PIXEL 35 PIXEL 49 PIXEL 2 PIXEE 34 PIXEL 52 PIXEL 51 PIXEL 3 PIXEL 1 Region A 20013 20016 20018 20019 20020 20021 20025 20012 20014 20023 20024 20010 20011 20017 ADD.

FIG. 3B PRIOR ART

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4	495				1		·		
·	ADD.	DATA	ADD.	DATA	ADD.	DATA	ADD.	DATA	
	20010	PIXEL 1	20120	PIXEL 5	32450	PIXEL 9	40590	PIXEL 13	
	20011	PIXEL 2	20121	PIXEL 6	32451	PIXEL 10	40591	PIXEL 14	
	20012	PIXEL 3	20122	PIXEL 7	32452	PIXEL 11	40592	PIXEL 15	
	20013	PIXEL 4	20123	PIXEL 8	32453	PIXEL 12	40593	PIXEL 16	
 	20014	PIXEL 17	20124	PIXEL 21	32454	PIXEL 25	40594	PIXEL 29	
	20015	PIXEL 18	20125	PIXEL 22	32455	PIXEL 26	40595	PIXEL 30	
	20016	PIXEL 19	20126	PIXEL 23	32456	PIXEL 27	40596	PIXEL 31	
	20017_	PIXEL 20	20127	PIXEL 24	32457	PIXEL 28	40597	PIXEL_32	1
	20018	PIXEL 33	20128	PIXEL 37	32458	PIXEL 41	40598	PIXEL 45	
	20019	PIXEL 34	20129	PIXEL 38	32459	PIXEL 42	40599	PIXEL 46	
	20020	PIXEL 35	20130	PIXEL 39	32460	PIXEL 43	40600	PIXEL 47	•••••
	20021	PIXEL 36	20131	PIXEL 40	32461	PIXEL 44	40601	PIXEL 48	ا اـــــا
	20022	PIXEL 49	20132	PIXEL 53	32462	PIXEL 57	40602	PIXEL 61	
	20023	PIXEL 50	20133	PIXEL 54	32463	PIXEL 58	40603	PIXEL 62	
	20024	PIXEL 51	20134	PIXEL 55	32464	PIXEL 59	40604	PIXEL 63	
	20025	PIXEL 52	20135	PIXEL 56	32465	PIXEL 60	40605	PIXEL 64	
	Reg	Region A	Reć	Region B	Re	Region C	Ľ	Region D	
			***************************************						7

FIG. 6

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	DATA	PIXEĽ 49	PIXEL 50	PIXEL 51	PIXEL 52	PIXEL 53	, PIXEL 54	, PIXEL 55	, PIXEL 56	PIXEL 57	PIXEL 58	PIXEL 59	PIXEL 60	PIXEL 61	PIXEL 62	PIXEL 63	PIXEL 64	Line 4
	ADD.	62450	62451	62452	62453	62454	62455	62456	62457	62458 /	62459	62460	62461	62462	/62463	, 62464	, 62465	H. Scan Line 4
		_											L_					
	DATA	PIXEL 33	PIXEL 34	PIXEL 35	, PIXEL 36	/ PIXEL 37	PIXEL 38	PIXEL 39	PIXEL 40	PIXEL 41	PIXEL 42	PIXEL 43	PIXEL 44	PIXEL 45	PIXEL 46	PIXEL 47	PIXEL 48	Line 3
	ADD.	60590	60591	60592	60593	60594	60595 /	/96509	60597	80209	66909	0090,6	,60601	, 60602	60603	60604	60605	H. Scan Line 3
	_					•	•		.		•	•	•			` ` `	` ` `	·
	[[-	-	-	<u> </u>	 	 -		-	<u> </u>	L-					
	DATA	PIXEL 17	PIXEL 18	PIXEL 19	PIXEL 20	/ PIXEL 21	/ PIXEL 22	PIXEL 23	PIXEL 24	PIXEL 25	PIXEL 26	PIXEL 27	PIXEL 28	PIXEL 29	PIXEL 30	PIXEL 31	PIXEL 32	ine 2
	ADD.	50120	50121	50122	50123	50124	50125	50126	50127 /	50128	50129	50,130	50131	£0132	, 50133	50134	50135	H. Scan Line 2
	r		1											T	T	_	``	
	DATA	PIXEL 1	PIXEL 2	PIXEL 3	PIXEL 4	PIXEL 5	PIXEL 6	PIXEL 7	PIXEL 8	PIXEL 9	PIXEL 10	PIXEL 11	PIXEL 12	PIXEL 13	PIXEL 14	PIXEL 15	PIXEL 16	Line 1
!	ADD.	50010	50011	50012	50013	50014	50015	50016	50017	50018	50019	50020	50021	50022	50023	50024	50025	H. Scan Line 1

FIG. 7A

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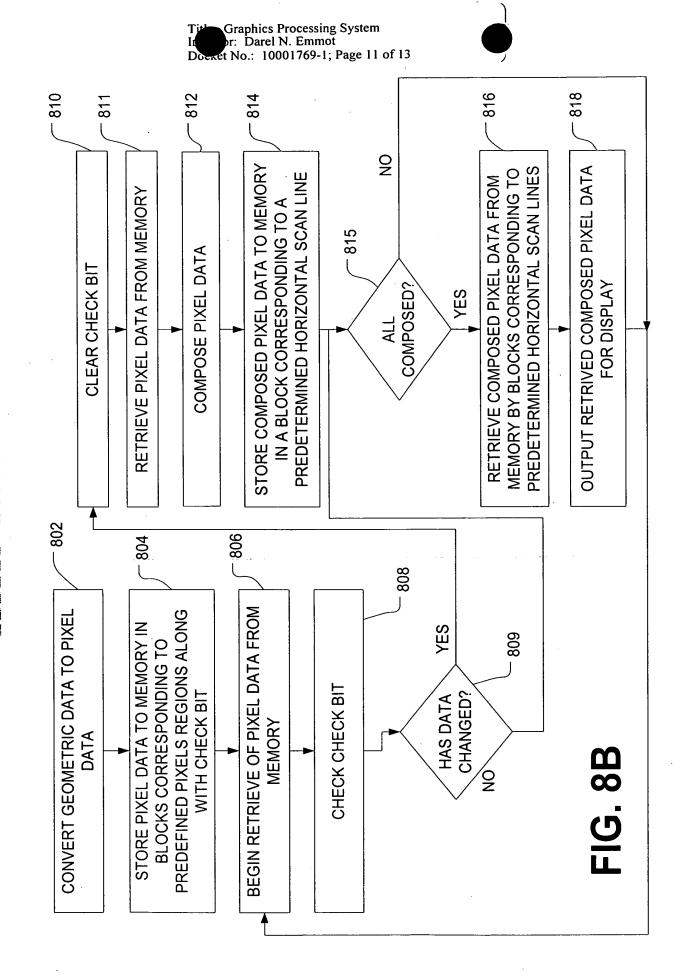
, DATA	PIXEL 49	PIXEL 50	PIXEL 51	PIXEL 52	PIXEL 53	, PIXEL 54	, PIXEL 55	PIXEL 56	PIXEL 57	PIXEL 58	PIXEL 59	PIXEL 60	PIXEL 61	PIXEL 62	PIXEL 63	PIXEL 64	H. Scan Line 1	(4th Quarter)
ADD.	62450	62451	62452	62453	62454	62455	62456	62457 /	62458 /	62459	62480	62461	62462	,62463	, 62464	, 62465	, H. Sc.	(4th (
, DAŢĀ	PIXEL 33	PIXEL 34	PIXEL 35	, PIXEL 36	/ PIXEL 37	PIXEL 38	PIXEL 39	PIXEL 40	PIXEL 41	PIXEL 42	PIXEL 43	PIXEL 44	PIXEL 45	PIXEL 46	PIXEL 47	PIXEL 48	H. Scan Line 1	(3rd Quarter)
ADD.	06509	60591	60592	60593	60594	60595 /	60596	60597	80288	66909	0090,6	/60601	/ 60602	, 60603	60604	60605	H. Sca	(3rd C
		Ι	Γ		}	1		Γ	<u> </u>	I		1	Ι		<u> </u>	`	<u>-</u>	
, DATA	PIXEL 17	PIXEL 18	PIXEL 19	PIXEL 20	/ PIXEL 21	/ PIXEL 22	PIXEL 23	PIXEL 24	PIXEL 25	PIXEL 26	PIXEL 27	PIXEL 28	PIXEL 29	PIXEL 30	PIXEL 31	PIXEL 32	Scan Line 1	larter)
ADD.	50120	50121	50122	50123	50124	50125	50126	50127	50128	50129	50130	50131	£0132	, 50133	50134	, 50135	, H. Scan	(2nd quarter)
			-	-	-	<u> </u>		<u> </u>	<u> </u>	-	-	<u> </u>				-	`. }-:	``.
DATA	PIXEL 1	PIXEL 2	PIXEL 3	PIXEL 4	PIXEL 5	PIXEL 6	PIXEL 7	PIXEL 8	PIXEL 9	PIXEL 10	PIXEL 11	PIXEL 12	PIXEL 13	PIXEL 14	PIXEL 15	PIXEL 16	H. Scan Line 1	(1st quarter)
	50010	50011	50012	50013	50014	50015	50016	50017	50018	50019	50020	50021	50022	50023	50024	50025	Sce	st (

FIG. 7B

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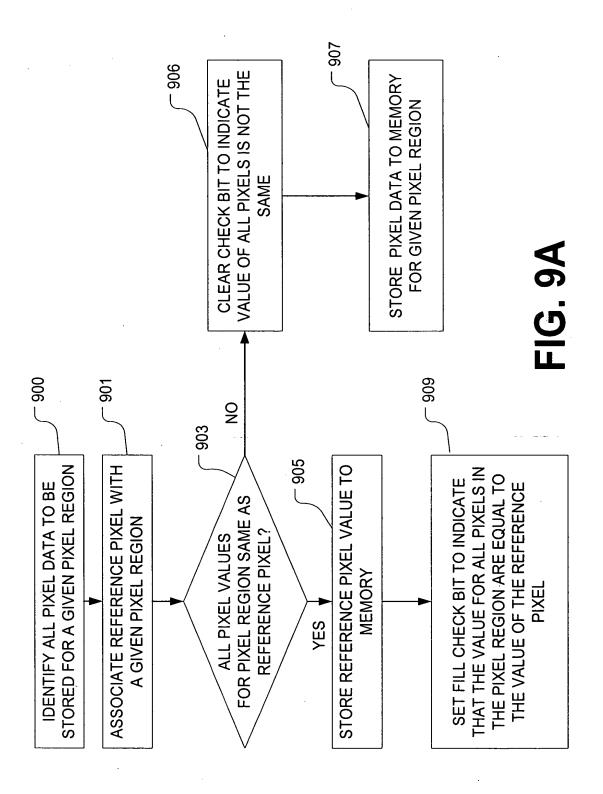


52450 Check Bit 1 52451 Check Bit 2 52452 Check Bit 3 52453 Check Bit 4 52454 Check Bit 5 52455 Check Bit 6 52456 Check Bit 1 52459 Check Bit 10 52450 Check Bit 10 52461 Check Bit 11 52462 Check Bit 13 52463 Check Bit 14 52464 Check Bit 15 52465 Check Bit 16 52466 Check Bit 16																
52450 52451 52453 52453 52454 52456 52456 52460 52460 52461 52462 52463 52464 52464	Bit	Check Bit 2	Bit	Check Bit 4	Check Bit 5	Check Bit 6	퍒	Check Bit 8	Check Bit 9	Check Bit 10	Check Bit 11	Bit	Check Bit 13	Bit	Check Bit 15	Check Bit 16
	52450	52451	52452	52453	52454	52455	52456	52457	52458	52459	52460	52461	52462	52463	52464	52465



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